

Date: Thu, 11 Feb 93 22:06:53 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #199  
To: Info-Hams

Info-Hams Digest                      Thu, 11 Feb 93                      Volume 93 : Issue 199

Today's Topics:

    \*\* SPECIAL EVENT STATION AT THE SSC\*\*  
        900 Mhz Rabbit VCR extenders  
        another TVI problem  
        Catalogs of Radio Equipment Wanted  
Daily Solar Geophysical Data Broadcast for 10 February  
        HTX-100  
        KAM or PK-232MBX (2 msgs)  
        Latest-issued callsigns  
        OPDX Bulletin #98 - 8 February 1993  
        Phase Sequence Filter Quadrature Networks  
        QSL Routes Wanted  
        Real Hams Pass British Exams?  
VECs holding your license application (was Re: Beware the Jabbawock and VEC)  
        WANTED Kenwood TS820 manual/schematic  
        Why all the Bulletins?  
        ZK1U0 - which Cook Islands? (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: 11 Feb 93 20:05:58 GMT  
From: ogicse!uwm.edu!linac!sunova!qmail.ssc.gov!greg\_chartrand@network.UCSD.EDU  
Subject: \*\* SPECIAL EVENT STATION AT THE SSC\*\*  
To: info-hams@ucsd.edu

    \*\* SPECIAL EVENTS STATION \*\*

The Superconducting Super Collider Amateur Radio Club (SARC) will be kicking off the first operation of it's special event station starting Friday February 12, 1993 starting at 5 pm CST on 14.285 SSB. The special events station will operate on weekdays between 5 and 6 pm CST for several weeks. Other times will be used as operations permit. Look for stations signing (call)/SSC.

They are offering an attractive QSL card which displays the accelerator systems string test (ASST) which was successfully conducted last summer. The ASST uses a new generation of superconducting magnets that will populate the 54 mile underground tunnel which is currently under construction in Ellis County Texas.

QSL with an SASE to:

SARC  
P.O. Box 2163  
Desoto, Tx.  
75115-2163

Here are other frequencies that will be used:

28.030, 28.400, 21.030, 21.400, 14.030, 14.285, 7.030, 7.245, 3.530,  
3.985, 1.844 MHz.

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Date: Wed, 10 Feb 1993 19:30:36 GMT  
From: mvb.saic.com!unogate!news.service.uci.edu!usc!zaphod.mps.ohio-state.edu!  
sol.ctr.columbia.edu!eff!news.oc.com!wizard!talon@network.UCSD.EDU  
Subject: 900 Mhz Rabbit VCR extenders  
To: info-hams@ucsd.edu

I have been told that one of the members of the nearby Greenville club have had limited success with the Rabbit extenders. I believe that he said that it was poor quality picture but "readable". One of these days, i'll experiment with it for ATV radar during skywarn operation (mobile, of course)

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David Fox (KB5ULK) |Disclaimer: My words or actions  
President, Radio East Texas State University|are not the official words or  
Internet: talon@wizard.etsu.edu |actions of the University or of  
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Date: 10 Feb 1993 17:13:53 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!stanford.edu!bcm!cs.utexas.edu!usc!  
howland.reston.ans.net!bogus.sura.net!udel!gatech!news.byu.edu!  
hamblin.math.byu.edu!usenet@network.UCSD.EDU  
Subject: another TVI problem  
To: info-hams@ucsd.edu

My friend got TVI problem. We tried low/high pass filter. It does not seems  
go away. I guess the rig may need some tuning. But Is there any other thing  
that she can do?

-----  
Date: 11 Feb 93 20:10:57 GMT  
From: ogicse!uwm.edu!spool.mu.edu!darwin.sura.net!news.duc.auburn.edu!  
ducvax.auburn.edu!anderjh@network.UCSD.EDU  
Subject: Catalogs of Radio Equipment Wanted  
To: info-hams@ucsd.edu

I would like to get some catalogs selling amateur radio gear. If  
anyone knows of any good companies and a phone number or address to request a  
catalog, please tell me.

Jamie Anderson  
ANDERJH@DUCVAX.AUBURN.EDU

-----  
Date: 11 Feb 93 07:43:58 GMT  
From: ogicse!uwm.edu!spool.mu.edu!sol.ctr.columbia.edu!gondor.sdsu.edu!  
network.ucsd.edu!news-mail-gateway@network.UCSD.EDU  
Subject: Daily Solar Geophysical Data Broadcast for 10 February  
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 041, 02/10/93  
10.7 FLUX=179.6 90-AVG=138 SSN=152 BKI=2222 3342 BAI=011  
BGND-XRAY=B8.3 FLU1=2.9E+06 FLU10=1.0E+04 PKI=2333 3342 PAI=014  
BOU-DEV=013,018,014,015,031,023,060,018 DEV-AVG=024 NT SWF=03:007  
XRAY-MAX= M2.4 @ 2007UT XRAY-MIN= B7.4 @ 1621UT XRAY-AVG= C1.2  
NEUTN-MAX= +002% @ 2100UT NEUTN-MIN= -003% @ 1050UT NEUTN-AVG= -0.3%  
PCA-MAX= +0.1DB @ 2130UT PCA-MIN= -0.7DB @ 1705UT PCA-AVG= -0.0DB  
BOUTF-MAX=55415NT @ 0346UT BOUTF-MIN=55360NT @ 1919UT BOUTF-AVG=55401NT  
GOES7-MAX=P:+109NT@ 1826UT GOES7-MIN=N:+004NT@ 0511UT G7-AVG=+078,+034,+009  
GOES6-MAX=P:+122NT@ 1808UT GOES6-MIN=E:-006NT@ 1915UT G6-AVG=+088,+005,+045  
FLUXFCST=STD:175,165,160;SESC:175,165,160 BAI/PAI-FCST=015,010,010/015,010,010  
KFCST=3334 4333 3333 3333 27DAY-AP=016,012 27DAY-KP=3433 3333 3234 2323  
WARNINGS=\*MAJFLR;\*SWF;\*PROTON;\*PCA  
ALERTS=\*\*MINFLR:M1.0/2B@0741,S04E03(7420);\*\*MINFLR:M1.5/1N@0839,S04E05;  
\*\*MINFLR:M2.4/2B@2007,S04W03(7420)

!!END-DATA!!

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Date: Wed, 10 Feb 93 16:04:06 GMT  
From: pacbell.com!att-out!walter!porthos!dancer!whs70@network.UCSD.EDU  
Subject: HTX-100  
To: info-hams@ucsd.edu

In article <44596@gremlin.nrtc.northrop.com> jmeacham@cam.nad.northrop.com (John W. Meacham) writes:

>In article <rrgd50-050293094114@222.5.80.3> rrgd50@email.sps.mot.com (Chris Terwilliger) writes:

>>Now that the rat shack has dropped the closeout price on this radio  
>>to \$159, does anybody have any comments on it?? I am mostly interested  
>>in it's usefulness for satellites. I don't know a soul who has one...

>

>I have one used it mobil for a year or two and then gave it to my son  
>kc6ocb. Never used it for satellite work but for the price it's a  
>great radio.

I worked a guy in Colorado (I'm in NJ) yesterday who had just picked one up at the closeout price. It came through fine (28.531MHz) on SSB. The band was pretty quiet so during the QSO he switched to low power and I still had full copy, although the signal strength dropped as one would expect. Seems like a great buy at \$159.

My rig is a TS-440 with a dipole in the attic. In fact the orientation of the antenna really shouldn't be that favorable towards the west as it is stung in a pretty much east-west direction.

I was the first QSO with the guy using the Radio Shack unit, but I heard heim make several more after me as I tuned around.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

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Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)  
Morristown, NJ email via UUCP bcr!cc!whs70  
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com  
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Date: 10 Feb 93 12:37:30 EST  
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa  
Subject: KAM or PK-232MBX  
To: info-hams@ucsd.edu

In article <1993Feb10.150628.24930@cbnewsm.cb.att.com>, shz@garage.att.com

(Seth Zirin) wrote:

> What is a better choice for VHF Packet and HF SITOR, WEFAX, & RTTY? I'm  
> looking for something that can be used to monitor HF data modes that is  
> also compatible with VHF packet. Simultaneous HF/VHF use is not important  
> to me. The KAM requires extra software (in addition to Hostmaster) to  
> decode WEFAX and the PK-232MBX does not. Kantronics advertises that the  
> KAM supports KISS mode for TCP/IP work but AEA makes no such claims about  
> the '232.  
> Can the PK-232MBX support TCP/IP? What is a better all-around choice?  
> What options for higher speed modems (9.6K, 19.2k & 56k) are available?

Seth-

I haven't used the KISS mode, but understand that the PK-232 does support it. However, the PK-232 design is getting on in years. While it was definitely the best when it came out, it lacks some of the features of the KAM, such as ability to use two ports at the same time. The KAM is capable of acting as a VHF to HF gateway.

But, time doesn't stand still. I've heard that AEA is about to come out with a replacement for the PK-232. If I was about to buy a TNC in that class, I'd wait to see how the new AEA compares with the KAM. (This is not to be confused with the extremely expensive AEA that uses the DSP.)

73, Fred, K4DII

[fred-mckenzie@ksc.nasa.gov](mailto:fred-mckenzie@ksc.nasa.gov)

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Date: Wed, 10 Feb 1993 15:06:28 GMT  
From: [pacbell.com!att-out!cbfsb!cbnews!cbnewsm!garage.att.com!shz@ames.arpa](mailto:pacbell.com!att-out!cbfsb!cbnews!cbnewsm!garage.att.com!shz@ames.arpa)  
Subject: KAM or PK-232MBX  
To: [info-hams@ucsd.edu](mailto:info-hams@ucsd.edu)

What is a better choice for VHF Packet and HF SITOR, WEFAX, & RTTY? I'm looking for something that can be used to monitor HF data modes that is also compatible with VHF packet. Simultaneous HF/VHF use is not important to me. The KAM requires extra software (in addition to Hostmaster) to decode WEFAX and the PK-232MBX does not. Kantronics advertises that the KAM supports KISS mode for TCP/IP work but AEA makes no such claims about the '232.

Can the PK-232MBX support TCP/IP? What is a better all-around choice?  
What options for higher speed modems (9.6K, 19.2k & 56k) are available?

Thanks,

Seth Zirin

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Date: 10 Feb 1993 18:00:53 -0800  
From: haven.umd.edu!darwin.sura.net!mojo.eng.umd.edu!news.isi.com!news.isi.com!  
not-for-mail@ames.arpa  
Subject: Latest-issued callsigns  
To: info-hams@ucsd.edu

In article <lng03hINNqnt@news.bbn.com> levin@bbn.com (Joel B Levin) writes:

>717-337-1212, business hours only. When the machine answers dial 2.  
>Then dial 2<N> (where <N> is your call district number).

I tried it at 10:00 pm Eastern Time and it's still online.

--  
Jerry Gardner (jerry@isi.com) | "Violence is the last refuge of  
Integrated Systems, Inc. | the incompetent" - Isaac Asimov

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Date: Wed, 10 Feb 1993 12:05:17 GMT  
From: sun-barr!cs.utexas.edu!torn!csd.unb.ca!news.ucs.mun.ca!kean.ucs.mun.ca!  
jcraig@ames.arpa  
Subject: OPDX Bulletin #98 - 8 February 1993  
To: info-hams@ucsd.edu

In article <9302090211.AA02403@sttng.mlo.dec.com>, reisert@mast.enet.dec.com (Jim Reisert AD1C) writes:

> The Ohio/Penn Dx PacketCluster  
> DX Bulletin No. 098 (OPDX.098)  
> February 8, 1992  
> Editor Tedd Mirgliotta, KB8NW  
> Provided by BARF-80 BBS Cleveland, Ohio  
> Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1  
>  
> Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX  
> Association, Ohio/Penn PacketCluster Network, DXAC, K1ER, KE2LJ, JH1FDP,  
> SM40TI, PA3DZN, AA6KX and KR0Y for the following DX information.  
>  
stuff deleted

> CW - 1835, 3505, 7020, 10104, 14020, 18070, 21020, 24895, 28020  
> SSB- 1835, 3795, 7075, 14195, 18115, 21295, 24935, 28495

>            ^^^^^

> PALMYRA:

>    CW - 1825, 3525, 7005, 10124, 14045, 18095, 21045, 24915, 28045

>    SSB- 1825, 3790, 7085, 14145, 18145, 21245, 24965, 28395

         ^^^^^

>

Is it ignorance of the \_gentlemen's agreement\_ or lack of concern for others that some insist on obliterating weak signal CW work with SSB below 1840?

PLEASE    use    1840-2000 for SSB.

Joe, V01NA

> Digital Equipment Corp.            UUCP:        ...decwrl!mast.enet.dec.com!reisert

> 146 Main Street - ML03-6/C9    Voice:        508-493-5747

> Maynard, MA 01754            FAX:            508-493-0395

>

> --

> Jim Reisert                    Internet:    reisert@mast.enet.dec.com

> Digital Equipment Corp.            UUCP:        ...decwrl!mast.enet.dec.com!reisert

> 146 Main Street - ML03-6/C9    Voice:        508-493-5747

> Maynard, MA 01754            FAX:            508-493-0395

-----  
Date: 10 Feb 1993 19:52:31 +0200

From: overload.lbl.gov!agate!linus!enterpoop.mit.edu!ira.uka.de!math.fu-berlin.de!  
mailgzrz.TU-Berlin.DE!news.netmbx.de!Germany.EU.net!mcsun!sunic!osiris.kbfi.ee!  
osiris.kbfi.ee@dog.ee.lbl.gov

Subject: Phase Sequence Filter Quadrature Networks

To: info-hams@ucsd.edu

In QST Jan. 1988, pp. 16-23 G.Breed presents a design with separation better than 40 dB in 350-2900 Hz range. ("A New Breed of Receiver") He also gives two references to filter design:

Arthur B. Williams, Electronic Filter Design Handbook  
(New York: McGraw-Hill, Inc 1981), pp 7-10 through 7-34.

S.D. Bedrosian, "Normalized Design of 90 deg. Phase-Difference Networks," IRE Transactions on Circuit Theory, June 1960, pp 128-136.

I have not read these, but the titles look promising.

Ylo Mets.

-----  
Date: 10 Feb 1993 13:52:10 GMT  
From: swrinde!zaphod.mps.ohio-state.edu!howland.reston.ans.net!spool.mu.edu!  
yale.edu!ira.uka.de!news.belwue.de!news.uni-stuttgart.de!gross@network.UCSD.EDU  
Subject: QSL Routes Wanted  
To: info-hams@ucsd.edu

In article <C28I6I.GJB@unccsun.uncc.edu> jmcoving@unccsun.uncc.edu (John Covington  
WN4BBJ) writes:

>I've tried every other source that I usually use and have come up  
>empty handed. If you can help me with the following QSL routes,  
>I'd greatly appreciate it. E-mail and I'll summarize the responses  
>for others who might be interested.

I didn't check, but try downloading  
/pub/packclus/db/db260193.zip from 141.58.162.1  
- it's a database with lot's of QSL- and mailing addresses  
(about 21000 in total!)

73 / Frank

--  
Frank Grossmann (DL1SBR)  
Internet: gross@ifsws1.sozialforschung.uni-stuttgart.de  
Packet Radio: DL1SBR@DB0SDX.DEU.EU  
Stuttgart University, institute for social research

-----  
Date: Wed, 10 Feb 1993 17:38:44 GMT  
From: pacbell.com!att-out!cbfsb!cbnews!cbnewsm!jeffj@network.UCSD.EDU  
Subject: Real Hams Pass British Exams?  
To: info-hams@ucsd.edu

In article <16156.9302090845@ua.nrb.ac.uk> pdu@unixa.nerc-barry.ac.UK (Paul Jimbo  
Duncan GW7KES) writes:

>Hi David,  
>  
>>I might go take the test one of these days, if I'm ever over there...  
>  
>Well you might want to bear in mind that (as far as I know) there are  
>only two sittings of the exam per year (in lots of different places),  
>one in May, and one in December.

I saw the study materials for their licenses. The one advanced license



study materials for it's test will give you a excellent background in radio theory. In fact we should probably copy it for our advanced licenses. It covers the various VFOs, transmitters, receivers, antennas, etc... Good radio course. My buddy who holds a British license said it takes a year of study to get that license, Class A is it? 73!

Jeff

--

Jeff Jones AB6MB		Nickel Back: What you get when you ask free
jeffj@seeker.mystic.com		agents to give you a million
Infolinc BBS 415-778-5929		dollars worth of effort.

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Date: 11 Feb 93 20:06:57 GMT  
From: ogicse!uwm.edu!spool.mu.edu!howland.reston.ans.net!usenet.ins.cwru.edu!  
hal.CWRU.Edu!rab@network.UCSD.EDU  
Subject: VECs holding your license application (was Re: Beware the Jabbawock and  
VEC)  
To: info-hams@ucsd.edu

In article <1993Feb10.233019.7480@pixar.com> Bruce@Pixar.com (Bruce Perens)  
writes:

>I upgraded to Technician + HF privileges (5 wpm code test) before the  
>FCC processed my Technician license. At that time, the ARRL VEC was  
>very careful to give me a letter explaining that they would hold  
>my application until I sent them a copy of my Technician license. The  
>ARRL VE then carefully explained this to me, and made sure I understood.  
>Then, the VE supervisor explained it all again while doing the final  
>check on my application. It's clear that ARRL doesn't expect you to know  
>this.

I'll go along with this. I passed all elements for General at my first session and then finished off everything needed for Extra at a session a few weeks later before I'd received my first (General) ticket. I'd marked the box on the 610 indicating that paperwork was pending at the FCC. The VE's told me to unmark the box because the VEC would hold any further paperwork until the pending paperwork cleared. A week or two later, at about the same time that my General ticket arrived, I got a postcard from ARRL VEC stating that they were holding my upgrade paperwork until I sent them a copy of the license I was waiting for. So, not only did the VE's tell me about this procedure, but the VEC sent a postcard spelling it out, too.

It was all handled very professionally and everything went very smoothly.

Roger AA8DV

--

Roger Bielefeld, Ph.D.      Dept of Epidemiology and Biostatistics  
rab@hal.cwru.edu            Case Western Reserve University  
                                 Cleveland, Ohio   USA

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Date: 11 Feb 93 21:03:13 GMT  
From: ogicse!uwm.edu!caen!destroyer!lambda.msfc.nasa.gov!drvax3!  
bird@network.UCSD.EDU  
Subject: WANTED Kenwood TS820 manual/schematic  
To: info-hams@ucsd.edu

I am looking for a manual and schematics for a Kenwood TS820.  
I got a good deal on one but he didn't have the books.

I would like to know if they still sell the kits to add the digital  
readout to these radios also.

Thanks

Joe Bird WB4ARV

--

Joe Bird      WB4ARV  
MSFC  
Huntsville, Al  
bird@drvax3.msfc.nasa.gov

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Date: 12 Feb 93 03:07:35 GMT  
From: news.cerf.net!pagesat!olivea!spool.mu.edu!uwm.edu!caen!destroyer!cs.ubc.ca!  
mala.bc.ca!oneb!ham!emd@network.UCSD.EDU  
Subject: Why all the Bulletins?  
To: info-hams@ucsd.edu

pschleck@cwis.unomaha.edu (Paul W Schleck KD3FU) writes:

> On Usenet, cross-posting is a good idea, because it maintains visibility  
> for the posts in the natural, home newsgroup. Also, good newsreaders  
> will only present an article once, regardless of how many newsgroups  
> it's posted to.

>

Paul, not everyone has a newsreader that only keeps one copy of an  
article. Mine doesn't, for example. Every newsgroup message that is  
duplicated takes up extra space on my hard drive. Furthermore, I DON'T  
appreciate getting the same darn post in more than one newsgroup. And I  
DON'T like all the time I waste wading through multiple postings of the  
SAME message.

How about just posting the bulletins to rec.radio.info, and only cross-posting a short one-page summary to the other groups? That way, you'll still get the exposure, and we'll reduce the wasted space on hundreds of hard drives.

Robert Smits  
VE7EMD  
Ladysmith B.C.  
e-mail: emd@ham.almanac.bc.ca

It may be observed  
in a general way  
that life would be  
better, distinctly,  
if more of the people  
with nothing to say  
were able to say it  
succinctly. - Piet Hein

-----  
Date: 10 Feb 93 18:30:09 GMT  
From: olivea!charnel!rat!usc!howland.reston.ans.net!sol.ctr.columbia.edu!  
destroyer!cs.ubc.ca!unixg.ubc.ca!ucla-mic!MVS.OAC.UCLA.EDU!CSMSCST@ames.arpa  
Subject: ZK1U0 - which Cook Islands?  
To: info-hams@ucsd.edu

In article <1lb6deINNptu@rave.larc.nasa.gov>, on 10 Feb 1993 15:19:10 GMT,  
eckman@eos1.larc.nasa.gov (Richard Eckman) writes:

>  
> I recently worked ZK1U0, a German DXpedition to some Pacific islands.  
>The DX bulletins all list this as 'Cook Islands', yet my DXCC lists  
>show that ZK1 can be either North or South Cook Islands. Is it just  
>assumed that 'Cook Islands' refers to the southern group?

North Cook is hard to get to (you have to charter a boat, hence \$\$)  
and therefore rare. Unspecified Cook almost always means So Cook.  
There are regular commerical flights into So. Cook.

-- 73 de Chris Thomas, AA6SQ (ex-WA6HTJ) (CSMSCST@MVS.OAC.UCLA.EDU)

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Date: 10 Feb 1993 15:19:10 GMT  
From: usc!elroy.jpl.nasa.gov!news.larc.nasa.gov!eos1.larc.nasa.gov!  
eckman@network.UCSD.EDU  
Subject: ZK1U0 - which Cook Islands?  
To: info-hams@ucsd.edu

I recently worked ZK1U0, a German DXpedition to some Pacific islands. The DX bulletins all list this as 'Cook Islands', yet my DXCC lists show that ZK1 can be either North or South Cook Islands. Is it just assumed that 'Cook Islands' refers to the southern group?

Thanks for any assistance.

Richard Eckman K04MR  
NASA Langley  
eckman@dobson.larc.nasa.gov

-----  
Date: Wed, 10 Feb 1993 18:11:38 GMT  
From: pacbell.com!att-out!cbfsb!cbnews!cbnewsm!jeffj@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <rrgd50-050293094114@222.5.80.3>, <44596@gremlin.nrtc.northrop.com>,  
<1993Feb10.160406.14958@porthos.cc.bellcore.com>  
Subject : Re: HTX-100

In article <1993Feb10.160406.14958@porthos.cc.bellcore.com>  
whs70@dancer.cc.bellcore.com (sohl,william h) writes:  
>In article <44596@gremlin.nrtc.northrop.com> jmeacham@cam.nad.northrop.com (John  
W. Meacham) writes:  
>>In article <rrgd50-050293094114@222.5.80.3> rrgd50@email.sps.mot.com (Chris  
Terwilliger) writes:  
>>>Now that the Radio Shack has dropped the closeout price on this radio  
>>>to \$159, does anybody have any comments on it?? I am mostly interested  
>>>in it's usefulness for satellites. I don't know a soul who has one...  
>  
>I worked a guy in Colorado (I'm in NJ) yesterday who had just picked one  
>up at the closeout price. It came through fine (28.531MHz) on SSB.  
>The band was pretty quiet so during the QSO he switched to low power  
>and I still had full copy, although the signal strength dropped  
>as one would expect. Seems like a great buy at \$159.  
>  
>I was the first QSO with the guy using the Radio Shack unit, but I heard  
>heim make several more after me as I tuned around.

The HTX-100 that I have I use mostly for receiving the RS-12/13 satellite and it does a excellent job! If it had FM it would be perfect but for the price of \$159.00 it is really good value. I was hoping they would continue to sell them for this price and not close them out. I've talked to various hams around the country with it using a indoor dipole. Even worked the British Virgin Islands from here in California. I leave my Swan 700 turned off as it is more fun to use the HTX. 73!

Jeff

--

Jeff Jones AB6MB		Nickel Back: What you get when you ask free
jeffj@seeker.mystic.com		agents to give you a million
Infolinc BBS 415-778-5929		dollars worth of effort.

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End of Info-Hams Digest V93 #199

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